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Declass Review by NGA.



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13 December 1965

A #7586

Reg. No. 2554

Subject: Contract Changes, Major Subcontract Procurement Approvals,
and Delivery Extension; Improved Rear Projection Screen System

Gentlemen:

In our Progress Reports Numbers Three and Four dated 15 October and 19 November 1965 respectively, mention was made of the proposals which [] had received in response to solicitations for a U.V. Zoom Lens, and for a High Intensity U.V. Light Source. These proposals were discussed with the Technical Officer during a recent visit, and a plan of action was formulated to redirect some task efforts and to increase emphasis in areas warranting greater consideration. It was agreed that [] would request contractual approval to implement the action discussed by means of revision of the Project Approval Requests (PAR's) affected. It was further agreed with the Technical Officer that the revised PAR submittal should include consideration of an expected [] proposal for a U.V. Light Source. [] did not submit a proposal as anticipated, consequently submittal of this proposed PAR revision was delayed unnecessarily.

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The plan of action formulated with the Technical Officer called for an increased effort in obtaining higher efficiency U.V. Light Sources, while holding effort in the U.V. Zoom Lens area to further investigation and definition. To this end, it is suggested that each of the PAR's, and associated funding allocated be re-defined as follows:

(1) PAR 1 - Chemical and Electrochemical Screen Development

This technical task contemplated under this PAR remains essentially as presently defined. The amount of funding allocated to this PAR should be as shown in the attached Estimate and Supporting Cost Analysis. The change in the funding allocation is to assign the recent funding increase for Government Owned Equipment to a specific task area.

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(2) PAR 2 - Extended Lamp Source

The amount of funding allocated to this PAR now appears to be greater than necessary, consequently, the funding level should be re-established as shown in the attached Estimate and Supporting Cost Analysis. This PAR now includes a fixed price order to [REDACTED] for a special U.V. Lamp and Associated Power Supply.

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(3) PAR 3 - Light Source Study

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A major change in funding allocation is requested for this PAR. As described in the periodic progress reports, [REDACTED] responded to our solicitation for proposals for a high efficiency U.V. Light Source with an excellent proposal, a copy of which is enclosed. This proposal has been discussed with the Technical Officer and he is in agreement that it is in the best interests of the technical goals of the project to let a sub-contract to [REDACTED] in response to their proposal. Since it is a research and development task, [REDACTED] has proposed its conduct on a CPFF basis. Consequently, in accordance with the terms and conditions of our contract, formal approval to let a CPFF Contract to [REDACTED] in response to their proposal 65-273 dated 1 October 1965 is hereby requested. The funding allocation for this PAR should be revised as shown in the attached Estimate and Supporting Cost Analysis.

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(4) PAR 4 - Bandwidth Limited and Special Purpose Optics

A survey and evaluation of prospective U.V. Zoom Lens sources, and an engineering study of the technical problems involved in the design and fabrication of such a lens indicate that the manufacture of a Zoom Lens should not be undertaken until further investigation is made. The results of the survey and evaluation will be found in the contract progress reports. [REDACTED]

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[REDACTED] has submitted a proposal (copy enclosed) for the design of a mechanically compensated Zoom Lens which indicates that they are uniquely qualified to perform this type of design. In accordance with the terms and conditions of the contract, formal approval to let fixed price design contract to [REDACTED] in accordance with their Proposal 66-53A, dated 24 and 28 September 1965 is hereby requested.

The funding allocation for this PAR should be revised as shown in the attached estimate, and supporting cost analysis. It also formally requested that the task contemplated under this PAR be changed to eliminate the requirement for manufacture of a Zoom Lens, Lens Mount and associated Remote Control, and that it be redefined to include a design of a mechanically compensated Zoom Lens.

One major problem affecting scheduled completion of the scope of work anticipated under the contract has arisen due to late delivery of one piece of Government Owned Equipment required for conduct of a large portion of the inorganic phosphor

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25X1 research. The equipment is an AST-200 RF Sputtering Unit, ordered from [redacted] on 25 August 1965. Promised shipment date from [redacted] was 24 November 1965 at the time of Purchase Order placement. Since that time, the promised shipment date has slipped to 15 February 1966. Some delivery slippage could have been tolerated by rescheduling research and development activities, however, this is no longer possible. Therefore, in accordance with the terms and conditions of the contract, an extension in delivery of three months is hereby formally requested.

Should you have any questions regarding these changes, major subcontract procurement approvals, or the delivery extension requested in this letter, please contact the undersigned.

Sincerely,



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WDS:ja

Enclosures:

Revised Cost Estimate

Revised Supporting Cost Analysis

25X1 [redacted] Proposal 65-273 dated 1 October 1965

25X1 [redacted] Proposal 66-53A dated 24 and 28 December 1965

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